



Advances in Hardmetals and Cermets

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Message from the Guest Editors

Dear Colleagues,

Tools made from hard metals, cemented carbides, and/or cermets are essential for the industrial fabrication of many products in life science, automotive, oil and gas, and other areas of manufacturing. With increasing changes in production and the need to machine and shape new materials, new challenges for tool materials are also arising. To address many of them, new frontiers (such as the additive manufacturing of hardmetals and cermets), alternative cobalt- and nickel-free binders, as well as novel WC-free hard phases have to be crossed. Thus, we welcome you to publish your contributions of novel developments in hard metals and cermets within this Special Issue.

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Message from the Editorial Board

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

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